

IN THE FIGURES:

Please enter replacement Figs. 3, 4 and 5.

IN THE CLAIMS:

Please amend claims 1 and 8, clean versions of which follow. Versions of claims 1 and 8 showing changes made are also enclosed.

sub 1
100

1. (Amended) A method for locating matching points in two original
2 images of a scene, a left image and a right image, such that the images have at
3 least some overlap area, said method comprising:
4 selecting a first point within the overlap area in the right image;
5 running a first correspondence search using the first point to find a first
6 matching point in the left image;
7 running a second correspondence search on the first matching point to
8 find a second matching point in the right image, wherein the
9 correspondence search is not run on any points to the left of the first
10 point; and
11 selecting a match point comprising the first matching point and second
12 matching point.

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8. (Amended) A method for locating matching points in two original
2 images of a scene, a left image and a right image, such that the images have at
3 least some overlap area, said method comprising:
4 splitting the left image and the right image into left subimages and right
5 subimages, respectively, wherein each subimage comprises the values
6 of only one of the color coordinates used to define the image with
7 which it is associated;

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cont.
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8 pairing each left subimage with the right subimage which uses the same
9 color coordinate values;
10 running a first correspondence search on each point in the overlap area of
11 the right subimage, the search comprising the steps of:
12 running a correspondence search using a first point to find a
13 first matching point in the left subimage;
14 running a second correspondence search on the first matching
15 point to find a second matching point in the right subimage,
16 wherein the correspondence search is not run on any points
17 to the left of the first point;
18 selecting match points using the first matching point and the
19 second matching point; and
20 storing each selected match point in a list of match points.
